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Datasheet for 600-401-EJ7

SHQ1 Antibody

Overview

Description:	Anti-SHQ1 (RABBIT) Antibody - 600-401-EJ7
Item No.:	600-401-EJ7
Size:	100 µg
Applications:	ELISA, IF, WB
Reactivity:	Human
Host Species:	Rabbit

Product Details

Background:	SHQ1 is the human homolog of yeast Shq1p, a protein that acts as an accessory factor in the assembly of H/ACA ribonucleoproteins. SHQ1 has been shown to bind the major H/ACA core protein and the pseudouridine synthase NAP57, but precedes the assembly role of NAF1 and of the other H/ACA core proteins. SHQ1 assists in the assembly of H/ACA-box ribonucleoproteins that function in the processing of ribosomal RNAs, modification of spliceosomal small nuclear RNAs, and stabilization of telomerase.
Synonyms:	SHQ1 Antibody, Shq1p, Protein SHQ1 homolog
Host Species:	Rabbit
Clonality:	Polyclonal
Format:	IgG

Target Details

Gene Name:	SHQ1
Reactivity:	Human
Immunogen Type:	Conjugated Peptide
Immunogen:	Anti-SHQ1 antibody was prepared from whole rabbit serum produced by repeated immunizations with a 17 amino acid synthetic peptide near the N-terminus of human SHQ1.
Purity/Specificity:	Anti-SHQ1 Antibody was affinity purified from monospecific antiserum by immunoaffinity chromatography. Multiple isoforms are known to exist.

Relevant Links:	• UniProtKB - Q6PI26 • GeneID - 55164 • NCBI - NP_060600

Application Details

Tested Applications:	ELISA, IF, WB
Application Note:	Anti-SHQ1 Antibody has been tested for use in ELISA, Western Blotting and Immunofluorescence. Specific conditions for reactivity should be optimized by the end user. Expect a band at approximately 65 kDa in Western Blots of specific cell lysates and tissues.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
ELISA:	1:10,000
IF:	20 µg/mL
WB:	1 µg/mL

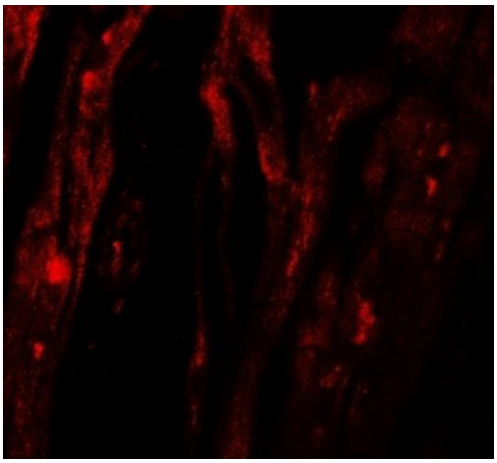
Formulation

Physical State:	Liquid (sterile filtered)
Concentration:	1 mg/mL by UV absorbance at 280 nm
Buffer:	0.01 M Sodium Phosphate, 0.25 M Sodium Chloride, pH 7.2
Preservative:	0.02% (w/v) Sodium Azide
Stabilizer:	None

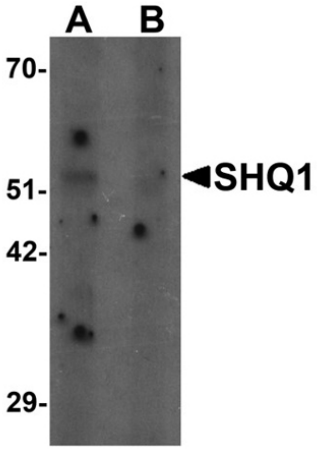
Shipping & Handling

Shipping Condition:	Dry Ice
Storage Condition:	Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
Expiration:	Expiration date is one (1) year from date of receipt.

Images



Immunofluorescence Microscopy
Immunofluorescence of SHQ1.
Tissue: human heart tissue.
Primary Antibody: SHQ1 antibody at 20 µg/mL.



Western Blot
Western blot analysis of SHQ1.
Load: human heart tissue lysate.
Primary Antibody: SHQ1 antibody at 1 µg/mL in (A) the absence and (B) the presence of blocking peptide.

Disclaimer

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.